



Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	oer of sons Injured	Estimated Damage Property Crops	September 2005 Character of Storm
MINNESOTA, Centra	l and So	outh Central						
Kandiyohi County Sunburg	03	1225CST			0	0		Hail(1.75)
Kandiyohi County 7 WNW New London	03 Golf b	1240CST all sized hail fell	at Games Lake	e. A number	0 of camper	0 s at the lak	se campground suffer	Hail(1.75) ed dents and puncture holes in awnings.
Kandiyohi County New London	03	1250CST			0	0		Hail(1.75)
Stearns County Countywide	03	1345CST 1800CST			0	0	1K	Flash Flood
	Getty, roadwa Intersta	ater department i Fourth, and Wa ay. Street floodi	ulnut streets. He ng was reportert. A total of 2.	ighway 22 bed by the fit.40 inches of	etween hig ire departm	ghways 34 nent in Ho	and 46 in Paynesvii oldingford. Flooding	hicles became stalled in flood waters on the had 6 inches of water covering the was reported by law enforcement on a fall estimates as high as 5 inches were
Stearns County Albany	03	1405CST			0	0		Hail(0.88)
Stearns County 1 N Paynesville	03	1410CST ned spotter report	ted a funnel clo	ud one mile	0	0		Funnel Cloud
Douglas County 3 SE Alexandria	03	1415CST	ed a rumer cro	ud one mile	0	0		Hail(1.75)
Todd County 3 NE West Union	03 Golf b	1420CST all sized hail was	s reported in the	e northeast c	0 orner of W	0 est Union	Township. A vehicle	Hail(1.75) and the roof of a house were damaged.
Meeker County 3 N Manannah	03 Dime	1425CST to penny sized ha	ail was reported	l by a trained	0 I spotter.	0		Hail(0.88)
Stearns County Paynesville	03	1427CST			0	0		Hail(0.75)
Stearns County Paynesville to 3 S Paynesville	03	1431CST			0	0		Thunderstorm Wind (EG52)
	Power	lines were down	ned in town. Tr	ees were do	wned at Lal	ke Koronis	s Regional Park.	
7 S Richmond	03 Dime	1435CST sized hail was re	ported 1 mile ea	ast of Eden V	0 Valley.	0		Hail(0.75)
Meeker County Litchfield	03 Fire ar	1443CST and rescue official	s reported that	high winds	0 overturned	3 a trailer ca	amper at Lake Ripley	Thunderstorm Wind (EG52) Campground. Three people were pined

Fire and rescue officials reported that high winds overturned a trailer camper at Lake Ripley Campground. Three people were pined inside and were transported to the hospital after rescue. A woman and a man in the trailer suffered minor injuries and the third victim, a retired police officer, suffered cracked ribs and numbness in his legs. Two other unoccupied campers were overturned nearby and others were damaged. Trees were also downed around town. A wind gust of 55 MPH was recorded at the Litchfield airport at 3:55 PM CDT.



3 W Faribault

National Weather Service Storm Data and Unusual Weather Phenomena



Thunderstorm Wind (EG52)

September 2005 Time Local Path Length Path Width Number of Estimated Damage Persons MINNESOTA, Central and South Central **Meeker County** Darwin 03 1445CST 0 Thunderstorm Wind (EG52) A downed tree caused extensive damage to the roof of a house south of town. Wright County **Howard Lake** 03 Hail(0.88) Nickel sized hail was reported by a trained spotter near Highway 12. **Mcleod County** Thunderstorm Wind (EG52) 5 N Hutchinson Power lines were downed onto Highway 15 near the Meeker County border. In addition, trees were downed at the intersection of 240th Street and Pilot Court in addition to County Road 7 just south of the Meeker County line. **Mcleod County** 5 S Hutchinson 03 Hail(0.88) Dime to nickel sized hail was reported in southeast Lynn Township. **Mcleod County** Hutchinson Thunderstorm Wind (EG52) Wind damage was reported to a restaurant under construction on Edmonton Avenue. One mile northeast of town a three foot diameter tree was felled onto a vehicle at 206th Circle. Large tree limbs were downed onto a garage, a small utility shed, and a pickup truck on Main Street. **Mcleod County** Silver Lake 1515CST 0 Thunderstorm Wind (EG52) Trees and power lines were downed at the intersection of Park Avenue and Frank Street. One tree was felled onto a vehicle. **Mcleod County** 4 E Hutchinson 1520CST 0 Thunderstorm Wind (EG52) Ten trees were downed along Major Avenue. **Stearns County** 03 1524CST 0 **New Munich** 0 Hail(0.75) **Mcleod County** Glencoe Muni Arpt 1535CST Thunderstorm Wind (MG52) 03 A 60 MPH wind gust was recorded by the airport AWOS. A tree was downed at the intersection of 15th Street and Armstrong Avenue. **Carver County** 03 1542CST Hail(0.75) 0 0 Waconia **Scott County** 1600CST **Funnel Cloud** 1 SE Jordan 0 0 A funnel cloud was reported by law enforcement. **Carver County** 1604CST Hamburg to 03 Thunderstorm Wind (EG52) Trees were downed in Hamburg. Trees and a power line were downed in Norwood-Young America. **Rice County** Lonsdale 03 1615CST Thunderstorm Wind (EG52) A shed was damaged. Trees were downed along Arizona Street NW. Rice County

Two boats on area lakes were flipped and lost.





		Time Local/	Path Length	Path Width	Numb Pers	er of	Estimated Damage	September 2005
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm
MINNESOTA, Centr	al and S	outh Central						
Rice County 7 W Faribault	03 Three	1630CST inch diameter tre	e limbs were o	downed.	0	0		Thunderstorm Wind (EG50)
Rice County Morristown	03 Trees	1630CST up to 3 feet in dia	ımeter were de	owned.	0	0		Thunderstorm Wind (EG52)
Scott County New Prague		1630CST am sized trees we ersection.	re downed on	1st Avenue	0 and Sunset.	0 A large tr	ee was also downed o	Thunderstorm Wind (EG52) onto railroad tracks at the County Road
Rice County Faribault	lines,		cross town. A					Thunderstorm Wind (EG55) neter, were downed onto houses, power ture paths at River Bend Nature Center
Stearns County St Francis	03	1656CST			0	0		Hail(0.75)
Stearns County Holdingford	03	1725CST			0	0		Hail(1.00)
Stearns County Rockville	03	1825CST			0	0		Hail(1.75)
Stearns County St Joseph	03	1830CST			0	0		Hail(1.00)
Kandiyohi County Hawick	03	1904CST			0	0		Hail(1.75)
Hennepin County Eden Prairie		1940CST sized hail was rep e Drive.	ported south o	f Highway 62	0 2 one mile ea	0 ast of Dell	Road, in addition to	Hail(0.75) the intersection of Highway 5 and Eden
Kandiyohi County 4 SW Atwater		1945CST were downed on n of the county.	to a home jus	t west of Su	0 mmit Lake	0 on 1st Av	renue E. Scattered tr	Thunderstorm Wind (EG52) ees were also downed in the northeast
Meeker County Cedar Mills	03 Quarte	2011CST er sized hail was i	reported at the	intersection	0 of Highway	0 s 7 and 22	2.	Hail(1.00)
Meeker County Crow River	03 Quarte	2011CST er sized hail was i	reported in Cr	ow River via	0 HAM radio	0		Hail(1.00)
Hennepin County Golden Vly	03 Four i	2015CST nch diameter tree	branches wer	e downed on	0 to Theodore	0 Worth Pa	arkway near Interstate	Thunderstorm Wind (EG50) 394
Meeker County 3 N Cedar Mills	03 Quarte	2024CST er sized hail was i	reported via H	AM radio.	0	0		Hail(1.00)
Mcleod County 3 NW Hutchinson	03 Dime	2025CST sized hail was rep	ported at the in	ntersection of	0 Highway 7	0 and Wald	len Avenue.	Hail(0.75)



7 NNE Hutchinson

03

National Weather Service Storm Data and Unusual Weather Phenomena



September 2005 Time Local/ Path Length Path Number of Estimated Width Persons Damage MINNESOTA, Central and South Central **Mcleod County** 1 N Hutchinson 03 2032CST 0 0 Hail(0.75) Dime sized hail fell at the intersection of Tagus Avenue and 210th Street. **Meeker County** 2 W Litchfield 03 2040CST Hail(1.75) Quarter to golf ball sized hail was reported by a trained spotter. The county sheriff's office reported that several squad cars sustained hail damage. The windshield on one patrol car was broken by the hail **Scott County** 2 N New Prague 03 2108CST Hail(0.75) Le Sueur County 2110CST Thunderstorm Wind (EG52) **New Prague** A large tree fell onto a house at the intersection of Central Avenue and First Street SE Le Sueur County 6 E Le Center Thunderstorm Wind (EG52) Nineteen trees were downed at a farming showground on County Road 26. A 26-foot camper was also rocked by the high winds on site. **Sibley County** Arlington 03 2130CST Hail(0.88) **Mcleod County** Stewart 03 2132CST Hail(1.00) **Mcleod County Brownton to** 03 2209CST 0 Hail(0.75) 2 N Brownton Dime sized hail fell in town and a few miles north of town at the intersection of 110th Street and Highway 15 **Mcleod County** Stewart 03 2215CST 0 Hail(1.00) Le Sueur County 2 NE Waterville 03 2231CST Hail(0.88) Crop damage was reported from large hail and/or gusty winds in several Le Sueur county townships, including northeast of Waterville. **Mcleod County** Countywide 03 2300CST 2359CST Flash Flood Flash flooding was reported by the fire department in Stewart. Flash flooding was also reported near the intersection of Common Street and County Road 7 about 5 miles northeast of Hutchinson. A total of 2.62 inches of rain fell in Brownton. Radar rainfall estimates as high as 4 inches were indicated across the western portion of the county. **Sibley County** Gibbon 0 Hail(0.75) Law enforcement reported dime sized hail covering the ground. **Hennepin County** Rogers 03 Hail(0.75) Dime sized hail fell for 5 minutes. **Mcleod County**

Three quarter to two inch diameter hail was reported by a trained spotter.

Hail(2.00)





September 2005 Time Local Path Length Path Number of Estimated Width Persons Damage MINNESOTA, Central and South Central **Mcleod County** 5 N Hutchinson 0000CST 0 0 Hail(2.75) The public reported baseball sized hail. **Mcleod County** 4 E Hutchinson 04 0011CST Hail(1.00) Quarter sized hail was reported between Silver Lake and Hutchinson and along 236th Circle northeast of Hutchinson. **Meeker County 5 SSE Dassel** 04 0014CST Hail(1.75) 0028CST A law enforcement officer parked on 183rd Street reported that golf ball sized hail fell for 14 minutes **Hennepin County** 04 0038CST Hail(0.75) Loretto 0 0 Wright County 3 NW Buffalo 04 0052CST 0 Hail(0.75) Wright County 2 SW Hanover 04 0100CST Hail(0.75) Dime sized hail covered the ground. Moderate crop damage was reported in the area **Wright County** Stockholm 04 0110CST 0 0 Hail(1.00) Quarter sized hail fell in Stockholm Township. **Mcleod County** Winsted 04 0138CST 0 Hail(0.75) **Anoka County** 0230CST Hail(1.00) Ramsey **Sherburne County** Elk River 0244CST 0258CST Hail(2.00) 04 Hail ranging from three quarters to two inches in diameter was reported by a trained spotter and an off-duty National Weather Service employee. A deck was dented, a light fixture was broken, some roofs needed repair, and 3 squad cars were damaged in the area. **Sherburne County** 0300CST 0400CST Elk River **Heavy Rain** A total of 3.5 inches of rain caused street flooding. **Hennepin County** Maple Plain 04 0306CST Hail(1.00) **Hennepin County** Shorewood 04 0320CST Hail(2.00) Hail estimated around two inches in diameter was pictured in a local newspaper. **Carver County** Victoria 04 0326CST 0 Hail(1.00) **Hennepin County** Countywide 500K Lightning 0500CST A lightning strike started a fire that caused \$500,000 damage to a home in Minnetrista. Lightning related house fires were also reported in Eden Prairie and Mound. **Anoka County** 04 0350CST 0 Hail(0.75) Ramsey



Carver County Chanhassen

04

National Weather Service Storm Data and Unusual Weather Phenomena



September 2005 Time Local Path Length Path Number of Estimated Persons Width Damage MINNESOTA, Central and South Central **Hennepin County** Countywide 0420CST 0800CST 0 0 Flash Flood Law enforcement reported significant street flooding and water up to the bumpers of cars in parking lots in Excelsior. Significant portions of Mound were "under water" according to law enforcement. The county sheriff reported significant flooding in Brooklyn Park. A holding pond overflowed into 6 homes and minor street flooding was reported in Eden Prairie. Rainfall totals between the afternoon of the 3rd and morning of the 4th included 5.40 inches in Eden Prairie, 4.20 inches in Minnetonka, 3.85 inches in Wayzata, 2.80 inches at Crystal Airport, and 2.70 inches in Mound. **Carver County** 0428CST 04 Hail(1.75) Chaska **Scott County Prior Lake** 04 0430CST 604K Lightning 0600CST Three homes were struck by lightning and were damaged by the resulting fire. The first home on Highview Court suffered damage when lightning struck the outside gas meter. An outer wall caught fire and damage was estimated at \$4,000. The second house on Prairie Hills Lane was engulfed in flames and has extensive roof and garage damage totaling \$500,000. The third home on Century Lane suffered \$100,000 in fire damage to interior walls after two bolts struck the building. **Hennepin County Eden Prairie** 04 0431CST Hail(0.75) **Carver County** Chanhassen 04 0435CST Hail(0.75) Dime sized hail covered the ground at the National Weather Service office. **Anoka County** Lino Lakes 04 0438CST Thunderstorm Wind (EG50) Power lines were downed across the intersection of West Shadow Lake Drive and Birch Street. **Scott County** Countywide 04 0 0 Flash Flood Law enforcement reported water up to the roofs of cars in a low spot in Shakopee. Rainfall totals between the afternoon of the 3rd and morning of the 4th included 6.62 inches in New Market, 6.17 inches in Cedar Lake Township, 4.76 inches in Shakopee, and 2.6 inches in Prior Lake. **Hennepin County Excelsior** 04 0501CST Hail(1.00) A trained spotter reported nickel to quarter sized hail covering a deck. **Hennepin County Brooklyn Park** 04 0504CST 0 Hail(1.00) **Hennepin County** 0505CST Maple Grove 04 Hail(1.00) **Hennepin County** Shorewood 04 0510CST Hail(1.75) **Hennepin County Brooklyn Park** Hail(2.00) 0520CST A trained spotter reported one to two inch diameter hail

Nickel sized hail covered the ground at the National Weather Service office.

Hail(0.88)



Redwood County Milrov

05

1529CST

National Weather Service Storm Data and Unusual Weather Phenomena



September 2005 Time Local Path Length Path Width Number of Estimated Persons Damage MINNESOTA, Central and South Central **Hennepin County Crystal Arpt** 04 0527CST 0 0 Hail(1.00) A pilot reported quarter sized hail in a PIREP from Minneapolis Crystal Airport. **Nicollet County** North Mankato 0530CST 04 **Heavy Rain** 0630CST A total of 1.35 inches of rain fell in 35 minutes. Minor street flooding was reported in poor drainage areas. **Hennepin County** 0542CST New Hope 04 Hail(0.75) **Anoka County** 0600CST 0800CST Flash Flood Fridley 04 0 A car was submerged in flood waters. **Dakota County** 0600CST 0700CST West St Paul Heavy Rain Up to 4 inches of water was running across Robert Street between Annapolis Street and Butler Street **Carver County** Chanhassen 04 0630CST 0 0 Flash Flood Law enforcement reported significant flooding at several city intersections. A bluff slump was reported along Highway 101, but did not impact the roadway. Rainfall totals between the afternoon of the 3rd and morning of the 4th included 5.66 inches 2 miles southwest of Chanhassen, 5.55 inches at the National Weather Service office in Chanhassen, and 3.12 inches in Chaska. **Stearns County** 05 0536CST 0 0 Hail(1.00) Greenwald **Stearns County** Freeport to New Munich 05 0541CST Hail(1.00) Dime to quarter sized hail fell. **Morrison County** 2 SW Bowlus 05 0615CST Hail(1.00) Kandiyohi County Willmar 05 **Heavy Rain** 0725CST Low lying intersections in town were covered by water. Kandiyohi County 5 NW Spicer 05 0635CST 0 0 Hail(0.88) **Morrison County** 05 0710CST 0 Thunderstorm Wind (EG50) Pierz 0 Tree limbs were downed. **Morrison County** Hillman 05 0712CST Hail(0.75) Mille Lacs County 1 NW Vineland 0719CST 05 0 Hail(0.75)

0

Hail(1.25)





		Time	Path	Path	Numb		Estimated	September 2005
Location	Date	Local/ Standard	Length (Miles)	Width (Yards)	Pers Killed	sons Injured	Damage Property Crops	Character of Storm
MINNESOTA, Centra	l and Sc	outh Control						
WITH TESOTA, CERTA	i and St	outir Central						
Lac Qui Parle County								
1 S Bellingham	05	2100CST 2103CST			0	0		Hail(0.75)
Douglas County		**************************************				•		TT N/O 00\
Holmes City Morrison County	05	2118CST			0	0		Hail(0.88)
5 W Randall	05	2200CST			0	0		Hail(0.75)
Todd County		2202CST						
10 E Browerville	05	2200CST			0	0		Hail(0.75)
Yellow Medicine County								
Burr	12	1741CST			0	0		Hail(0.75)
Renville County Countywide	12	1800CST 1900CST			0	0		Heavy Rain
v	A total		rain was reco	rded in 45 m	inutes 4 mi	les west o	f Lakeside. Field floor	ding was reported south of Bird Island
		Highway 5.						
Lac Qui Parle County								
Dawson	12	1810CST			0	0		Hail(1.00)
Lac Qui Parle County Boyd to	12	1812CST			0	0		Hail(2.75)
1 E Boyd	Golf b	all to baseball siz	zed hail fell in	and just east	of Boyd.			,
Lac Qui Parle County				J	,			
1 E Boyd	12	1815CST		1 23 3	0	0		Funnel Cloud
							one half hour late.	east of Boyd. This storm was the same
Chippewa County								
2 W Montevideo	12 Ping p	1825CST ong sized hail fel	ll along Count	y Road 15.	0	0		Hail(1.50)
Lac Qui Parle County								
15 E Dawson	12	1825CST			0	0		Hail(1.00)
Chippewa County	12	1920CCT			0	0		Hoovy Dain
Montevideo		1830CST 2000CST		Claire				Heavy Rain
C4	Severa	l inches of rain c	aused Hooding	g at the Chip	pewa Count	у јан		
Stearns County Greenwald	12	1830CST			0	0		Hail(1.00)
	Quarte	r sized hail was p	photographed l	by the public	-			
Yellow Medicine County 9 NW Granite Falls	12	1830CST			0	0		Hoil(1 50)
9 NW Granite Fans		ong sized hail fel	ll in section 33	of Stony Ru	-			Hail(1.50)
Chippewa County								
1 N Montevideo	12	1833CST			0	0		Hail(0.88)
Yellow Medicine County 8 NW Granite Falls to	12	1840CST	1	20	0	0		Tornado (F1)
8 NNW Granite Falls		1840CST 1842CST ado touched dov					2 miles west of Wegd	ahl) in Yellow Medicine County then
							re blown onto Highway	





September 2005 Time Local/ Path Length Path Number of Estimated Width Persons Damage MINNESOTA, Central and South Central **Chippewa County** 1 N Wegdahl to 1 NE Wegdahl 12 1843CST 1 20 0 0 Tornado (F1) A tornado that touched down in Yellow Medicine County crossed the Minnesota River just north of Wegdahl then lifted just northeast of town. Tree tops just east of the river were sheared off in the vicinity of Wegdahl. **Mcleod County** 8 NNW Hutchinson 12 1917CST Hail(0.75) **Meeker County** 4 S Dassel 12 1920CST Hail(1.00) Quarter sized hail was reported 1 mile north of Lamson. Wright County Cokato 12 1923CST Hail(2.75) Houses and vehicles were damaged by tennis ball to baseball sized hail. Kandiyohi County Raymond 12 1925CST 0 0 Hail(1.75) Golf ball sized hail fell on the west side of town. Wright County 1 SE Cokato 1930CST 12 0 0 Hail(2.00) Kandivohi County 1938CST Thunderstorm Wind (EG52) Raymond 12 0 Trees and power lines were downed onto 2nd and 3rd streets. Wright County 1 W Buffalo to Buffalo 0 0 Hail(0.88) 2002CST Dime to nickel sized hail was reported. Wright County 5 SW Buffalo 12 1955CST 0 Hail(0.88) Wright County 2 NNW Delano Thunderstorm Wind (EG52) A few trees were downed north of Highway 12 and East of Highway 14 on the south end of Cook's Lake. Wright County Delano 2005CST Thunderstorm Wind (EG52) A shed was blown apart and a tree was downed onto 44th Street in Franklin Township outside of Delano **Meeker County** 6 SSW Dassel 12 2007CST 0 Hail(0.75) Dime sized hail was reported on the west side of Lake Jennie. Wright County 0 Thunderstorm Wind (EG52) **Buffalo** 12 2009CST 2015CST Thirty foot trees were blown down in scattered locations across town and a garage door was blown in. Signs were blown down near Buffalo High School. A tree was downed onto County Road 134 in Buffalo Township Wright County Thunderstorm Wind (EG52) Montrose A shed was blown down. Wind blown debris tore a gas meter off a house. Kandiyohi County

0

0

Thunderstorm Wind (EG52)

2020CST

Trees and power lines were downed.

12

Atwater





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	ons	Estimated Damage Property Crops	September 2005 Character of Storm
MINNESOTA, Centr			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, S = = = = ;				
Wright County St Michael	12	2020CST	a Ma Alliatan		0	0		Thunderstorm Wind (EG52)
Mcleod County	A tree	e was downed ont	to McAilister A	Avenue.				
5 NW Hutchinson	12 Two t	2025CST trees were downe	d in Pipenburg	Park.	0	0		Thunderstorm Wind (EG52)
Anoka County Ramsey	12 Five i	2030CST nch diameter bra	nches were do	wned.	0	0		Thunderstorm Wind (EG50)
Meeker County								
Countywide	12	2030CST 2130CST	: T :/l.e:l.d	A 4-4-1 - £ 2 (0	0		Heavy Rain
Maday Carreto	Flood	ing was reported	in Litenfield.	A total of 3.	33 inches of	rain was re	ecorded in Dassel.	
Meeker County Countywide	12 Trees	2030CST and power lines	were downed i	n town and i	0 n scattered l	0 ocations ac	ross Meeker County.	Thunderstorm Wind (EG52)
Redwood County								
Countywide	12 Local Morg		t officials rep	orted flooded	0 d roadways	0 in Redwoo	od Falls. A total of	Flash Flood 3.62 inches of rain was recorded in
Sherburne County	Ü							
Elk River	12	2030CST			0	0		Hail(0.75)
Sherburne County Elk River	12 A tree	2030CST e was downed ont	to a house on the	he east side o	0 of town.	0		Thunderstorm Wind (EG52)
Mcleod County								
Hutchinson	12	2039CST 2046CST			0	0		Hail(0.75)
Mcleod County Silver Lake	12 Sever	2044CST al trees and power	er lines were do	owned.	0	0		Thunderstorm Wind (EG52)
Mcleod County								
Hutchinson	12 Tree l	2045CST branches were do	wned onto 5th	Avenue NW	0	0		Thunderstorm Wind (EG52)
Mcleod County 7 S Hutchinson to	12	2045CST 2050CST			0	0		Thunderstorm Wind (EG55)
7 SSE Hutchinson	shelte	trees were uproot ers. The roof of th	ne caretaker's h	ouse was da	maged. Four	r trees up to		trees damaged a bathhouse and picnic ere also downed onto Highway 15 just ge Avenue
Mcleod County Stewart	12	2047CST 2050CST			0	0		Hail(0.75)
Mcleod County 5 W Glencoe	12 Trees	2050CST up to 8 inches in	diameter were	e downed nea	0 or the interse	0 ction of 11	Oth Street and Melody	Thunderstorm Wind (EG52) y Avenue





September 2005 Time Local Path Length Path Number of Estimated Width Persons Damage MINNESOTA, Central and South Central **Mcleod County** Glencoe 12 2050CST 0 0 Thunderstorm Wind (EG52) Power lines were downed at the intersection of 16th Street and Newton Avenue. Power lines and a few trees were downed in the area of 10th Street and Stevens Avenue. A tree was downed at the intersection of Union Avenue and 11th Street. A tree was downed onto Highway 212 near Morningside Avenue. **Mcleod County** Stewart 12 2050CST Thunderstorm Wind (EG52) A few trees were downed onto power lines. **Mcleod County** 2055CST 2 NE Glencoe 12 0 0 Thunderstorm Wind (EG52) Several trees and branches were downed near the intersection of 120th Street and Dairy Avenue **Mcleod County** 3 E Glencoe 12 2059CST O 0 Thunderstorm Wind (EG52) Tree branches up to 8 inches in diameter were downed onto the westbound lanes of Highway 212 near County Road 9. Kandiyohi County Countywide 2100CST 0 Flash Flood 0000CST Several low lying areas of south Willmar were flooded with up to waist high water after an estimated 5 inches of rain fell. Kennedy Elementary School had to be closed because ankle deep water backed up into the building from nearby storm drains. Flooded roads included Seventh Street Southwest, Third Street, Robbins Avenue Southwest, Rice Avenue, 10th Street, First Street, Fifth Street, 15th Avenue, Tenth Street, Kandiyohi Avenue Southwest, and Olena Avenue. Highway 12 and a nearby service road were also covered by water after road ditches filled. Minor street flooding was reported in New Londor. **Stearns County** Waite Park to 0 0 **Heavy Rain** 12 2110CST St Cloud Three inches of water covered a road in Waite Park. Minor street flooding was reported at St. Cloud State University Wright County Countywide 12 2110CST 2315CST 0 0 Flash Flood Water up to 6 feet deep covered roads in Monticello. In addition, a bank of grass and recently planted trees slumped into the Mississippi River at Monticello. Streets in Buffalo were filled with water up to 3 feet deep after 5.16 inches of rain fell. Water rushed down 1st Street South from Willow Creek and flooded a building. Houses just across Pulaski Road from Buffalo Lake had water backed up into them. In addition, homes in Griffing Way neighborhood on the southwestern side of Lake Pulaski were also flooded. In Albertville, where a total of 3.75 inches of rain was recorded, flooding was reported on Barthel Industrial Drive and at holding ponds in the Cedar Creek development, and a car became stranded in flood waters on 57th Street. County Road 8 and County Road 35 were flooded in Marysville Township. County Road 19 in Otsego was also flooded. In Montrose, a partial washout was reported on Center Avenue. A holding pond overflowed into a house on 44th Street in St. Michael. Three inches of rain was recorded in Maple Lake in one hour. A total of 3.12 inches was recorded near South Haven during the night

Hennepin County
3 N Maple Plain to
Corcoran

12 2115CST 3 30 0 1 Tornado (F1)

A 30 yard wide tornado touched down in Independence near the intersection of county roads 11 and 90, then crossed Lake Sarah.





September 2005 Time Local Path Length Path Number of Estimated Persons Width Damage

MINNESOTA, Central and South Central

Around the lake numerous boats and docks were damaged. On the southern edge of the lake a home sustained structural damage and an attached garage was destroyed along Woodhill Lane. Several 2 to 3 foot diameter trees and power lines were downed nearby. On the northern edge of the lake a small airplane hangar was blown away and hundreds of 1 to 2 foot diameter trees were knocked down along Lake Sarah Heights Drive and Sunset Lane. A tractor trailer was blown over on its side in the same neighborhood. Next the tornado moved northeast into extreme southeast Greenfield where it damaged ten homes in the Country Circle area just north of Highway 55. Two homes suffered significant damage including one home that had damage to exterior walls on the second story and another home that lost an attached garage. One man inside a damaged home was cut on the nose by flying glass. Finally the tornado moved into southwest Corcoran where it destroyed a barn near the intersection of County Road 19 and Pioneer Trail. On the same property a three-season porch, chimney, heated 4-stall garage, fences, and two ice fishing houses were also lost. The tornado lifted nearby after being on the ground for 3 miles.

Mcleod C	ounty
Countyv	vide

2115CST 2300CST Flash Flood 12

Water was 2 feet deep at the intersection of Pryor Avenue and 12th Street in Glencoe. Flooding was also reported on South Grade Road SW, Sunset Street SW, and on California Street NW in Hutchinson. A car was stalled in the deep water and had to be towed out at the intersection of South Grade Road and Sunset Street. A total of 3.25 inches of rain fell in Hutchinson, mainly between 8 PM and 10 PM CDT

	1111 a	ind To TWI CDT.			
Hennepin County					
Loretto	12	2118CST	0	0	Thunderstorm Wind (EG52)
	A lar	ge tree was downed onto a hou	se on Klaers Drive.		
Hennepin County					

Corcoran

Thunderstorm Wind (EG50) Signs were blown down at the intersection of County Road 116 and County Road 30.

Sherburne County Countywide

2120CST 2345CST Flash Flood

Street flooding was reported on the east side of the Mississippi River in St. Cloud. A total of 4.9 inches of rain was recorded just south of Big Lake in 90 minutes. A car was stranded in flood waters on a main street in Elk River. Rainfall totals from observers across the county included 6.20 inches in Zimmerman, 5.89 inches in Elk River, 5.70 inches one mile east of Eagle Lake, and 3.55 inches in Becker.

Carver County					
Cologne	12	2125CST	0	0	Hail(0.88)
Scott County					
Shakopee		2135CST trees were downed across town, including or the on Shakopee Avenue East.	0 ne which fo	0 ell onto a hor	Thunderstorm Wind (EG52) me along Spencer Street and one which fell onto a car and
Anoka County					
4 N Andover	12 Tress	2145CST and power lines were downed.	0	0	Thunderstorm Wind (EG52)
Anoka County					
3 W East Bethel to East Bethel	12	2150CST	0	0	Thunderstorm Wind (EG52)
	Trees	were downed onto power lines in East Bethel	and Oak O	Grove.	
Anoka County					
Blaine	12 A dow	2155CST wheel through a roof.	0	0	Thunderstorm Wind (EG52)
Dakota County					
Eagan	12	2155CST	0	0	Thunderstorm Wind (EG52)

Several trees were downed onto power lines. A gas station canopy was also damaged.





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed	per of sons Injured	Estimated Damage Property Crops	September 2005 Character of Storm
MINNESOTA, Centr	al and S	outh Central						
Ramsey County								
St Paul	12 Tree b	2200CST pranches up to 4 in	ches in diame	eter were dow	ovned.	0		Thunderstorm Wind (EG50)
Dakota County Burnsville	12	2203CST			0	0		Hail(0.75)
Washington County Forest Lake	12 A doc	2205CST ek was flipped and	twisted on Fi	rst Lake.	0	0		Thunderstorm Wind (EG50)
Carver County Norwood to	12	2210CST			0	0		Thunderstorm Wind (EG52)
Young America		were downed alor	ng County Ro	oad 53. Tree			es in diameter were o	downed in town and some streets were
Isanti County								
Cambridge	overfl high v throug the so include	owed onto sidewa water and several begin the storm drains buth end of Cambi	lks and nearb pasements we s. The officia ridge recorde	by yards. Tra ere flooded ac d weather ob d 5.10 inche	ffic was un cross town. server for C s and the I	Manhole Cambridge ONR office	ss through flooded No covers also popped o recorded 4.60 inches e in Cambridge recor	Flash Flood and 6th Avenue intersection. Water also orth Main Street. Cars were stalled in ff due to the pressure of water flowing of rain during the storm. A spotter on ded 5.55 inches. Other rainfall totals hel, and 3.80 inches 1.5 miles west of
Carver County Norwood to Young America	12	2215CST			0	0		Hail(0.75)
Chisago County Countywide	12	2215CST 2359CST			0	0		Flash Flood
		cars were strande ed, including Oakv					n and Stacy. In downt	own North Branch several streets were
Washington County Stillwater	12 Nume	2215CST erous trees were do	owned.		0	0		Thunderstorm Wind (EG52)
Washington County Afton	12 A bui	2220CST Iding was damaged	d.		0	0		Thunderstorm Wind (EG52)
Wright County Annandale		2230CST ne on Maple Aver		an electrical	0 fire after be	0 eing struck	20K a by lightning. Damaş	Lightning ge to electrical appliances, wiring, and
Dakota County Eagan	12 Sever	2245CST al trees and numer	ous branches	were downed	0 d. Minor da	0 mage was	reported to several bu	Thunderstorm Wind (EG52) asinesses and homes.
Dakota County Lakeville	12	2300CST			0	0		Hail(1.50)





Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed		Estimated Damage Property Crops	September 2005 Character of Storm
MINNESOTA, Cen	tral and S	South Central						
Faribault County								
Blue Earth	12 Tree	2340CST branches were dov	vned.		0	0		Thunderstorm Wind (EG50)
Kandiyohi County 3 S Atwater	21	1722CST	0.1	20	0	0		Tornado (F0)
Hennepin County Brooklyn Park	21	1808CST	0.1	30	0	0		Tornado (F0)
Anoka County Andover	21	1816CST 1817CST	0.3	25	0	0		Tornado (F0)
Anoka County								
Coon Rapids to Blaine	21	1816CST 1821CST	2	50	0	1		Tornado (F2)
Faribault County								
	Aven		200th Street. I	Hail drifts an	d considera			Hail(1.75) venue), east to County Road 29 (570th age were reported. One person walking
Faribault County Minnesota Lake	(570ti	h Avenue), and so	uth to 200th St nd stripped of	treet. Trees u	p to 14 incl	hes in diar	neter were broken off	Thunderstorm Wind (EG56) 0th Avenue), east to County Road 29 5 feet above the ground. Several other down along West 4th Street. A radio
Rice County								
Faribault	24 Up to	2245CST 2359CST three feet of wate	r flowed acros	s roads in to	wn.	0		Flash Flood
Steele County	•							
Owatonna	24	2245CST 2359CST			0	0		Flash Flood
		feet of water flow s of rain was recor			Manhole co	vers were	forced off by an ove	rflow of draining storm water. Three
Faribault County								
Countywide	24 25	2330CST 0400CST			0	0		Flash Flood
	Winn cover where	ebago were flood ed the road. Wir e 7.35 inches of ra	ed by 6 inches nebago city p in was recorde	s of rain. No ark was also ed. Several s	ear the mur oflooded. Necondary re	nicipal cer Numerous oads acros	nter just one block of flooded streets and b s the county, including	is, basements, and low lying areas in f Highway 169 nearly 3 feet of water asements were also reported in Wells g County Road 21 between 109 and 22 ly damaged by flooding. The rushing

and 11 gravel roads were also flooded. County Road 10 southwest of Winnebago was heavily damaged by flooding. The rushing water left a 20 foot crater in the road.

Watonwan County Countywide

2330CST 0200CST Flash Flood

A total of 6.35 inches of rain fell in St. James where widespread road flooding was reported. The intersection of Fifth Avenue North and Fifth Street North was covered by water up to a foot deep. Ponds and low lying areas in town were also flooded. St. James Creek overflowed its banks and flooded Memorial Park and the city golf course in St. James. The Watonwan River also overflowed



Barron County 3 E Cameron

National Weather Service Storm Data and Unusual Weather Phenomena



Thunderstorm Wind (EG50)

September 2005 Time Local Path Length Path Number of Estimated Width Persons Damage MINNESOTA, Central and South Central its banks southeast of St. James. MNZ082-092 Watonwan - Faribault 0200CST 1000CST 25 Flood The Watonwan River southeast of St. James and the St. James Creek in St. James remained flooded through mid morning. Farm fields and low lying areas across the southern portion of Watonwan County including locations west of Odin, west of Berdells, County Road 5 between Butterfield and Odin, near the rest area along Highway 60, along County Road 12 southeast of St. James, and in South Branch Township remained flooded through the 27th. **Martin County** 0300CST 0500CST Countywide 25 0 Flash Flood Six to 8 inches of rain fell over portions of the county. A total of 6.04 inches was recorded in Fairmont and the following roads were flooded: Webster Street, Blue Earth Avenue, Grant Street, and South Hampton Street. County Road 27 east of Trimont, 230th Street in Cedar Township northwest of Trimont, 135th Street along Center Creek between Fairmont and Granada, and County Road 54 were closed by high water. In Northrop several backyards in a low lying area of town near Bridgeman Street were flooded by several feet of water. Several other roads across the north end of the county had water wash over them. WISCONSIN, West St. Croix County Countywide 12 Thunderstorm Wind (EG52) Windows were blown out of a home in Hammond. At a school in Hudson a door was blown in and the roof was damaged. Scattered downed trees and shingle damage was also reported throughout the county. **Polk County** 12 2245CST Thunderstorm Wind (EG75) Amery 4.1M Straight line winds estimated around 85 MPH produced significant damage on the south and east side of Amery. Emergency management reported minor damage to 26 residential and 3 business structures, major damage to 1 residential and 12 business structures, and the destruction of 7 business structures in town. Six hangars at the Amery airport including the airplanes and supplies inside were destroyed. Four other hangars received moderate damage. Debris from the airport was found up to 2 miles away. A nearby feed mill and warehouse at the local farmers co-op was a complete loss. Highway 46 South was closed for several hours due to debris in the roadway. Dozens of trees in the damage path were snapped 20 to 30 feet above the ground. **Barron County** 3 NW Cameron 2310CST Thunderstorm Wind (EG52) 12 0 A tree was downed onto 18th Street.

Power lines were blown down onto County Road D.